What is claimed is:

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1. An insertion unit for an endoscope, comprising:

a flexible tube having an inner diameter D_1 and an inner cross-sectional area S; and

a plurality of components inserted and arranged in said flexible tube, said components including an optical fiber bundle,

wherein, said inner diameter D_1 is not less than 6.5 mm and said inner cross-sectional area S satisfies a condition:

 $0.5 \le \Sigma s/S \le 0.6$

where Σs represents a sum of cross-sectional areas of said components arranged in said flexible tube.

- 2. The insertion unit according to claim 1, wherein said inner diameter D_1 is the inner diameter at the narrowest portion of said flexible tube.
- 3. The insertion unit according to claim 1, comprising a bendable member connected to said flexible tube, said bendable member being bent with said plurality of components inserted therein, said inner diameter D_1 being the inner diameter in the vicinity of where said bendable member is connected to said flexible tube.

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- An insertion unit of an endoscope, comprising: 4.
- a flexible tube having an inner diameter D₁ and an inner cross-sectional area S; and

a plurality of components inserted and arranged in said flexible tube, said components including an optical fiber bundle,

wherein, said inner diameter D_1 is less than 6.5 mm and said inner cross-sectional area S satisfies a following condition:

 $0.5 \leq \Sigma s/S \leq 0.65,$

where Σ s represents a sum of cross-sectional areas of said components arranged in said flexible tube.

- 5. The insertion unit according to claim 4, wherein said inner diameter D₁ is the inner diameter at the narrowest portion of said flexible tube.
- 6. The insertion unit according to claim 5, comprising a bendable member connected to a distal end of said flexible tube, said bendable member being bent with said plurality of components inserted therein, said inner diameter $D_{\mathbf{i}}$ being the inner diameter in the vicinity of a position where said bendable member is connected to said flexible tube.